

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

NM88128

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Hopi Federal #1

9. API WELL NO.

30-015-29367

10. FIELD AND POOL, OR WILDCAT

Willow Lake Delaware

11. SEC., T., R., M., ON BLOCK AND SURVEY OR AREA

Sec. 1, T25S, R28E
Unit F

12. COUNTY OR PARISH

Eddy

13. STATE

NM

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Otherb. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVEN ☐ Other

2. NAME OF OPERATOR

St. Mary Land & Exploration Company c/o Coastal

3. ADDRESS AND TELEPHONE NO.

P. O. Box 2726, Midland, TX 79702 (915) 688-0700

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1980 from the North Line and 1980 from the West Line

At top prod. interval reported below same as above

At total depth same as above

14. PERMIT NO.

DATE ISSUED

1/29/97

15. DATE SPUDDED

2/2/97

16. DATE T.D. REACHED

2/15/97

17. DATE COMPL. (Ready to prod.)

3/4/97

18. ELEVATIONS (DF, RKB, RT, OR, ETC.)*

2929 GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

5200' MD

21. PLUG, BACK T.D., MD & TVD

5151'

22. IF MULTIPLE COMPLETIONS, HOW MANY?

23. INTERVALS DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

4897-4988 Delaware

25. WAS DIRECTIONAL SURVEY MADE
Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Spectra Scan, DNCR, HALS/MCFL

27. WAS WELL CORDED
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	575	12 1/4	Surface 305 sx "C"	
5 1/2	15.5#	5151	7 7/8	Surface 2000 sx "C"	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	4500	

31. PERFORATION RECORD (Interval, size and number)

4897-4988

128 4" holes w/2 spf

BLM
ROSWELL, NM

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4897-4988	Acidized w/6000 gals 7.5% NEFE

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
4/17/97		Pumping					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
4/24/97	24		→	43	25	91	581	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
		→	43	25	91	38.4		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Cementing Report, Deviation Survey, Plat

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Louis Johnston

TITLE

Agent

(915) 694-8228

DATE

5/8/97

*(See Instructions and Spaces for Additional Data on Reverse Side)

38. **GEOLOGIC MARKERS**

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				T/Rustler	1160	
				T/Salt	1900	
				B/Salt	2500	
				T/Lamar	2670	
				T/Bell Canyon	2720	
				T/Cherry Canyon	3580	
				T/Brushy Canyon	4250	
				T/Rustler Bluff	4620	
				T/Canyon Sand	4870	
				T/Gemstone Sd.	4960	